



**CITY COUNCIL**  
CITY AND COUNTY OF HONOLULU  
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'20AUG31 PM 4:21 CITY CLERK

August 6, 2020

Jeffrey Herzog, Project Manager  
USACE, CEPOH-PPC  
Building 230, Room 307  
Fort Shafter, HI 96858-5440

Dear Mr. Herzog,

SUBJECT: Ala Wai Canal Flood Risk Management Project and  
Honolulu City Council Permitted Interaction Group

Thank you for joining us during the July 30<sup>th</sup> Zoom meeting convened by the Council PIG and Oceanit to brief community stakeholders on recent updates. We have asked Oceanit to respond to questions that were posed by community stakeholders regarding its "SWIFT" tunnel engineering solutions.

We would appreciate your responding to the attached listing of questions that are directed towards the Army Corps' Engineering Documentation Review (EDR) recommendations. Several of these questions resulted from the discussion of EDR components during the July 7<sup>th</sup> briefing for PIG members at Ala Wai Canal/City recreational facilities.

We look forward to working with you and your new USACE leadership team on the project with our PIG consultant/Oceanit and city or state agencies to develop more comprehensive Ala Wai Flood Mitigation Project solutions.

Mahalo,

A handwritten signature in black ink, reading "Ann H. Kobayashi".

ANN H. KOBAYASHI  
Councilmember, District 5

A handwritten signature in black ink, reading "Carol Fukunaga".

CAROL FUKUNAGA  
Councilmember, District 6

A handwritten signature in black ink, reading "Tommy Waters".

TOMMY WATERS  
Councilmember, District 4

**Questions related to USACE Recommendations  
Ala Wai Flood Control Zoom Meeting - July 30, 2020**

1. When will the US Army Corps of Engineers (USACE) release the Engineering Documentation Report (EDR) for the project?
  - a. How will the 'SWIFT' tunnels be incorporated into the USACE project?
  - b. What happens if leadership in Washington DC does not provide concurrence on the EDR?
2. What is the rationale for the removal of the detention basin in Makiki?
3. How high will the walls along the Ala Wai Canal be in the new USACE plan? Is a low cement wall already being built on the mauka side of the Ala Wai Canal on the Moiliili side?
4. What are the cost estimates associated with various components of the EDR recommendations for six specific actions?
  - a. Removal of some debris and detention basins
  - b. Woodlawn bypass feature
  - c. Consolidated 2 pump stations into one pump station
  - d. Modified golf course and Hausten multipurpose detention basins
  - e. Makiki Stream diversion feature
  - f. Walls along portions of Ala Wai Canal
5. What are the objectives of the Engineering Documentation Report (EDR) recommendations?

Are they intended to remove water from the UH campus/Manoa valley upper *mauka* watershed, and to reduce the level of rainwater flooding in McCully-Moiliili by 2 feet or more? The PIG members were under the impression that the Army Corps of Engineers viewed the SWIFT tunnel recommendations as a practical solution to the problem of eliminating the detention basins in the *mauka* watershed.
6. When will USACE release the July 2020 map reflecting locations of the components of the EDR recommendations, or allow the PIG to post the map on the Council website (distributed to PIG members in July 2020)?
7. How much water will the Woodlawn Bypass culvert divert into the lower portion of Manoa Stream? Why does USACE believe the Bypass is more feasible solution than a SWIFT tunnel for the Manoa valley area in removing excess rainwater/flood waters?
8. What is the location of the consolidated pump station identified in the EDR map? What is the height of the consolidated pump station building, and what is the explanation for the need for the pump station building to be built to that height?
9. How much excess rainwater/stormwater will be removed through the operation of the consolidated pump station, as opposed to the feasibility pump station?
10. What are the heights of the walls/culverts proposed in the EDR at the following locations:

- a. Floodwall along Mauka side of Moana Stream at the Woodland Bypass
- b. Wall near Date Street along Mauka perimeter of Ala Wai Golf Course
- c. Culverts on Diamond Head and Ewa side of Manoa/Palolo stream drainage into the Ala Wai
- d. Wall along the Ala Wai Golf Course
- e. Wall along Ala Wai Blvd from the consolidated pump station to Ala Wai harbor
- f. Makai Wall from Iolani School to Ala Wai harbor

11. If the City Council supports the use of SWIFT tunnels as part of the Ala Wai Flood Mitigation project, how quickly could the USACE NEPA EIS and City EIS processes integrate the SWIFT and EDR features for a comprehensive public review of the revised Ala Wai project?